

MINH PHUC NGUYEN

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EDUCATION

VILLANOVA UNIVERSITY

Bachelor of Science in Computer Science and Statistics, Honors Student

Villanova, PA
May 2026

- Veritas Scholarship, Presidential Scholar Finalist
- Honors Student Advisory Board
- AP Computer Science A: 5; AP Calculus BC: 5
- International Young Scientists Innovation Exhibition 2021: Gold Award

RESEARCH EXPERIENCE

INTERNATIONAL AI CONVERGENCE CREATIVE OLYMPIC 2021

Hanoi, Vietnam

Researcher, Designer, Competitor

June 2021 - August 2021

- Awarded Gold in the 2021 AI-JAM Online Competition, Silicon Valley in USA with more than 150 innovations and approximately 500 students participated in worldwide
- Invented, installed and ran a Wifi-controlled remote Trash Collector Device with 4 members. When pressing buttons on the Blynk mobile app, the wifi receiver unit (installed on the device) then receives commands and transfers them to the power control circuit (installed on the device). The circuit then directs the motor engine according to those commands.

ASIAN SCIENCE AND MATHEMATICS OLYMPIAD 2021

Hanoi, Vietnam

Researcher, Competitor

Jan 2020 - Jan 2021

- Won the 1st Runner Up Award (Team Award) in the exploration round against more than 60 teams in Southeast Asia, equivalent to ~250 students.
- Practised conducting research and writing short reports with Professor Cao Khang, Vice President of the Nano Science and Technology Research Center, Hanoi National University of Education.
- Performed various lab experiments like determine and calculate the components in an electric circuit given 3 voltages and a clock, calculate an egg's density given water, flasks, and salt; all in preparation for the exploration round

LEADERSHIP & ACTIVITIES

Local program Host, SPECIAL OLYMPICS

Villanova, PA, August 2022 - Present

Member, CS PROGRAMMING TEAM

Villanova, PA, August 2022 - Present

Volunteer, RUIBALL

Villanova, PA, August 2022 - Present

AMSTRONOMY

Hanoi, Vietnam

President, Head of Organizer, Content Developer

December 2019 - December 2021

- Built and managed website; authored 200+ articles on various astronomy topics
- Hosted an online astronomy course which consists of 3 lessons and lasts for 3 weeks. The course attracted 150 students aged 8 to 13 from nationwide
- Hosted two online astronomy classes, each held about 80 teachers from nationwide.

BRAVERS - GREENWICH MARKETING CLUB

Hanoi, Vietnam

Leader of Content, Strategic Planner

May 2021 - March 2022

- Executed a marketing campaign; received 1,200 engagements on a 2000-follower FB page and 820-member Community Group, increased membership by 10% within 2 months.

SCRIBBLES

Hanoi, Vietnam

Vice Head of Organizer, Head of Content, Content Creator, Logistics Member

May 2019 - March 2021

- Spearheaded a one-day trip to Finando House - a place that teaches English for children for free - in which 80 Scribbles's members taught 100 children about practical skills and self-care, donated books and redecorated the facility
- Organised the lesson plan and taught 240 Co Loa primary school students about self-care through a 3-hour online session
- Taught 300 Ngo Quyen primary school students and 60 mentally challenged people at Quynh Hoa Children's village about basic communication skills; raised 5 million VND for the Quynh Hoa children's village by selling small gifts

SKILLS & CERTIFICATION

- **Coding skills:** Java, Python 3, HTML, CSS
- **Tools:** VS code, Eclipse
- **Certificates:** Code Academy: Python 3, Build a website with HTML, CSS, and Github Pages

EXPERIENCE

SPECIAL OLYMPICS
Local Program Host, Committee

- B

Villanova, PA
August 2022 -

HONORS PROGRAM
Student Advisory Board

- In

Villanova, PA

August 2022 -

RUIBALL
Volunteer, Group Leader

- E

Villanova, PA
August 2022

VILLANOVA BADMINTON
VP, Member

Villanova, PA

August 2022 -

NHAT (Ngay Hoi Anh Tai - School Spirit Events)

Leader of Content, Content Creator

Hanoi, Vietnam

Jan 2020 - Jan 2021

- Initiated the activities, came up with the laws and in charge of the referees for the Sports Day event for 2000 school's high school students; Trained twenty Physics specialized students who won the Sports Day event against 12 other teams.
- Spearheaded the school's Musical Day, came up with themes and music for 13 concentrations with other content creators and invited 3 famous celebrities as judges